SECTION – B
SHORT QUESTION

Q-02: What are the contribution of Dr. Abdul Salam in the field of Physics?

Q-03: Define the branches of Physics Kinematics and dynamics.

Q-04: What is momentum? Define.

Q-05: What is the relation between center of gravity and weight?

Q-06: Differentiate between kinetic energy and potential energy.

Q-07: Why it is dangerous to jump from a fast moving train? Explain.

Q-08: A stone is thrown vertically upward with a velocity of 20 ms^{-1}. Find the maximum height reached by the stone and the total time of flight.

Q-09: Drive the equation: $PV = nRT$

Q-10: Write the uses of radio-active isotopes.

Q-11: Describe the simple camera with the help of diagram.

Q-12: Explain why is more dangerous to burn steam than from boiling water although both are at the same temperature.

Q-13: A string 2m long is used to whirl a 200 gm stone in horizontal circle at a speed of 2 m/s. Find the tension in string.